

3/12/04

INFORMATION CITED BY APPLICANTS THAT MAY BE MATERIAL TO THE PROSECUTION OF THE SUBJECT APPLICATION

Applicants: Y. Nakano et al. Attorney Docket No. NAI122545

Title: ALL-OPTICAL FLIP-FLOP

FOREIGN PATENT DOCUMENTS

*Examiner Cite Initial No.	Document No.	Kind Code	Publication Date (mm/dd/yyyy)	Country	English Abstract Provided	Translation Provided
<i>efc</i>	F1	JP 51-25710	A 05/21/1993	JP	X	
<i>efc</i>	F2	JP 06-13714	A 01/21/1994	JP	X	X

OTHER INFORMATION
(Including Author, Title, Date, Pertinent Pages, Etc.)

- | *Examiner Cite
Initial No. | Cite
No. |
|-------------------------------|--|
| <i>efc</i> | O1 El-Refaei, H.H., and D.A.M. Khalil, "Design of Strip-Loaded Weak-Guiding Multimode Interference Structure for an Optical Router," <i>IEEE Journal of Quantum Electronics</i> 34(12):2286-2290, December 1998. |
| <i>efc</i> | O2 Jian, B.B., "Continuous-Wave Operation of Monolithic Two-Mode Optical Flip-Flop With Etched Laser Mirrors," <i>Electronics Letters</i> 32(20):1923-1925, September 26, 1996. |
| <i>efc</i> | O3 Johnson, J.E., and C.L. Tang, "Optical Flip-Flop Based on Two-Mode Intensity Bistability in a Cross-Coupled Bistable Laser Diode," <i>Applied Physics Letters</i> 63(24):3273-3275, December 13, 1993. |
| <i>efc</i> | O4 Soldano, L.B., and E.C.M. Pennings, "Optical Multi-Mode Interference Devices Based on Self-Imaging: Principles and Applications," <i>Journal of Lightwave Technology</i> 13(4):615-627, April 1995. |
| <i>efc</i> | O5 Soldano, L.B., et al., "Planar Monomode Optical Couplers Based on Multimode Interference Effects," <i>Journal of Lightwave Technology</i> 10(12):1843-1850, December 1992. |
| <i>efc</i> | O6 Watanabe, M., "Bistability Between Two Crosscoupled Lateral Modes in Twin-Stripe Lasers," <i>Bulletin of the Electrotechnical Laboratory</i> 57(11):69-77, November 1993. |

efc

- 07 Watanabe, M., et al., "An Optical Set-Reset Flip-Flop Semiconductor Laser With Two Mutually Complementary Outputs," *Proceedings of the International Conference on Optical Computing*, Edinburgh, U.K., August 22-24, 1994, pp. 581-584.

Examiner

Ralph

Date Considered

1/19/05

Examiner: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

JMS:snh



SUPPLEMENTAL INFORMATION CITED BY APPLICANTS THAT MAY BE MATERIAL TO
THE PROSECUTION OF THE SUBJECT APPLICATION

Applicants: Y. Nakano et al. Attorney Docket No.: NAI122545

Application No.: 10/799,786

Filed: March 12, 2004

Title: ALL-OPTICAL FLIP-FLOP

FOREIGN PATENT DOCUMENTS

*Examiner Cite Initial	No.	Document No.	Kind Code	Publication Date (mm/dd/yyyy)	Country	English Provided	Abstract Provided	Translation Provided
EPC	F1	JP 51-25710	B1	08/02/1976	JP			

OTHER INFORMATION
(Including Author, Title, Date, Pertinent Pages, Etc.)

*Examiner
Initial

EPC

PTO International Search Report for PCT/JP02/09238

Examiner

Date Considered

1/19/05

*Examiner: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicants.

JMS:ctg

LAW OFFICES OF
CHRISTENSEN O'CONNOR JOHNSON KINDNESS™
1420 Fifth Avenue
Suite 2800
Seattle, Washington 98101
206.682.8100